Broadleaf weeds and new chemicals

Ray Vinson Manatee County Parks and Natural Resources
New Chemicals

**Milestone (aminopyralid)**
- Pre-emergent/post-emergent
- Exceptional activity on leguminous herbs
- Incision point application
- Long soil half life

**Method (aminocyclopyrachlor)**
- Pre-emergent/post-emergent
- Incision point application

**Tricera (Triclopyr acid formulation)**
- Wetlands/Uplands
- Low volatility
- Foliar, basal bark, cut stem, cut stump applications
- Longer soil half life
Milestone (Aminopyralid)  3-7 fl oz/A

Foliar applications
- Very selective treatment of rosary pea, and crotalaria at rates as low as 0.05%, soil residual control at higher rates
- Very low volume when mixing backpacks 5 ml syringe helpful for mixing.
- Avoid desirable legumes

Incision point applications
- Extremely effective at 50% v/v on most woody species when applied 0.5ml/hack, 1 hack to all but the largest stems.
- Not very effective on leadtree or surinam cherry.
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<th>Method (aminocyclopyrachlor)</th>
<th>18 fl oz/A</th>
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**Foliar**

- Effective on various broadleaf weeds at low rates 0.05%, possibly lower.
- Long soil half life.

**Incision Point Application**

- Extremely effective on woody species. Undiluted 0.5-1 ml per hack.
- Surinam cherry and lead tree are resistant.